# EXHIBIT 5

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# **ALIAS Lexical Cluster Overlap Analysis Using Cosine Similarity**

CaseAnalysisID Carole E Chaski PhD--LexiCluster--Freeman Copyright 2014--Stephen M Doniger Esq--1-30-2024

Target Author Lynne Freeman

Suspect Author Tracy Wolff

Keyword accident

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score	
accident	Tracy Wolff	1.00	
accident	Cassandra Clare	0.12	
accident	Lauren Kate	0.08	
accident	Maggie Stiefvater	0.07	
accident	Alyson Noel	0.05	
accident	Becca Fitzpatrick	0.04	
accident	Aprilynne Pike	0.04	
accident	Richelle Mead	0.02	
accident	LJ Smith	0.01	
accident	Stephanie Meyer	-0.06	
accident	Kami Garcia	-0.12	

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 CaseAnalysisID
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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 Alaska

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
Alaska	Tracy Wolff	1.00
Alaska	Kami Garcia	0.08
Alaska	Alyson Noel	0.00
Alaska	Aprilynne Pike	0.00
Alaska	Becca Fitzpatrick	0.00
Alaska	Cassandra Clare	0.00
Alaska	LJ Smith	0.00
Alaska	Lauren Kate	0.00
Alaska	Maggie Stiefvater	0.00
Alaska	Richelle Mead	0.00
Alaska	Stephanie Meyer	-0.03

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**Target Author** 

CaseAnalysisID

Lynne Freeman

**Suspect Author** 

Tracy Wolff

Keyword

alien

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

A cosine similarity score of 0, close to zero or negative shows that the clusters are different: the LF\*TW cluster compared to LF\*Baseline Author is always different with a cosine similarity score close to zero or negative.

If all scores are zero, the keyword is not in the tested document(s).

	Baseline Authors	Cosine Similarity Score
alien	Tracy Wolff	1.00
alien	Maggie Stiefvater	0.16
alien	Cassandra Clare	0.06
alien	LJ Smith	0.01
alien	Alyson Noel	0.00
alien	Aprilynne Pike	0.00
alien	Becca Fitzpatrick	0.00
alien	Lauren Kate	0.00
alien	Richelle Mead	0.00
alien	Kami Garcia	-0.08
alien	Stephanie Meyer	-0.21

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# **ALIAS Lexical Cluster Overlap Analysis Using Cosine Similarity**

 CaseAnalysisID
 Carole E Chaski PhD--LexiCluster--Freeman Copyright 2014--Stephen M Doniger Esq--1-30-2024

 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 aurora

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
aurora	Tracy Wolff	1.00
aurora	Alyson Noel	0.00
aurora	Aprilynne Pike	0.00
aurora	Becca Fitzpatrick	0.00
aurora	Cassandra Clare	0.00
aurora	Kami Garcia	0.00
aurora	LJ Smith	0.00
aurora	Lauren Kate	0.00
aurora	Maggie Stiefvater	0.00
aurora	Richelle Mead	0.00
aurora	Stephanie Meyer	0.00

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 blood

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
blood	Tracy Wolff	1.00
blood	Cassandra Clare	0.17
blood	Richelle Mead	0.10
blood	Aprilynne Pike	0.06
blood	LJ Smith	0.05
blood	Stephanie Meyer	-0.01
blood	Kami Garcia	-0.03
blood	Maggie Stiefvater	-0.03
blood	Becca Fitzpatrick	-0.12
blood	Alyson Noel	-0.13
blood	Lauren Kate	-0.15

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 book

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
book	Tracy Wolff	1.00
book	LJ Smith	0.11
book	Kami Garcia	0.07
book	Lauren Kate	0.05
book	Aprilynne Pike	0.02
book	Becca Fitzpatrick	-0.01
book	Richelle Mead	-0.03
book	Stephanie Meyer	-0.04
book	Cassandra Clare	-0.04
book	Maggie Stiefvater	-0.08
book	Alyson Noel	-0.12

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 buck

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
buck	Tracy Wolff	1.00
buck	Maggie Stiefvater	0.07
buck	Becca Fitzpatrick	0.05
buck	Alyson Noel	0.02
buck	Kami Garcia	0.01
buck	Aprilynne Pike	0.00
buck	Cassandra Clare	0.00
buck	LJ Smith	0.00
buck	Richelle Mead	0.00
buck	Lauren Kate	-0.02
buck	Stephanie Meyer	-0.05

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 Diego

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
Diego	Alyson Noel	0.00
Diego	Aprilynne Pike	0.00
Diego	Becca Fitzpatrick	0.00
Diego	Cassandra Clare	0.00
Diego	Kami Garcia	0.00
Diego	LJ Smith	0.00
Diego	Lauren Kate	0.00
Diego	Maggie Stiefvater	0.00
Diego	Richelle Mead	0.00
Diego	Stephanie Meyer	0.00
Diego	Tracy Wolff	0.00

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 doorway

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
doorway	Tracy Wolff	1.00
doorway	Cassandra Clare	0.10
doorway	Aprilynne Pike	0.06
doorway	Lauren Kate	0.02
doorway	Maggie Stiefvater	0.01
doorway	LJ Smith	-0.03
doorway	Kami Garcia	-0.03
doorway	Richelle Mead	-0.04
doorway	Stephanie Meyer	-0.08
doorway	Alyson Noel	-0.09
doorway	Becca Fitzpatrick	-0.13

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 dragon

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

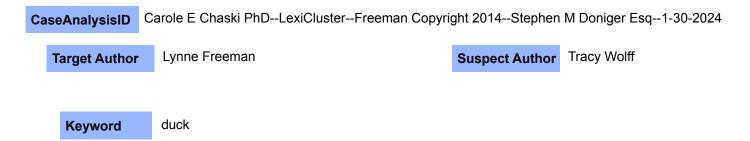
### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
dragon	Tracy Wolff	1.00
dragon	LJ Smith	0.02
dragon	Alyson Noel	0.00
dragon	Aprilynne Pike	0.00
dragon	Becca Fitzpatrick	0.00
dragon	Lauren Kate	0.00
dragon	Maggie Stiefvater	0.00
dragon	Richelle Mead	0.00
dragon	Stephanie Meyer	0.00
dragon	Cassandra Clare	-0.02
dragon	Kami Garcia	-0.10

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The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
duck	Tracy Wolff	1.00
duck	LJ Smith	0.14
duck	Aprilynne Pike	0.10
duck	Becca Fitzpatrick	0.08
duck	Cassandra Clare	0.05
duck	Richelle Mead	0.00
duck	Alyson Noel	-0.02
duck	Stephanie Meyer	-0.02
duck	Lauren Kate	-0.04
duck	Maggie Stiefvater	-0.08
duck	Kami Garcia	-0.18

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 fang

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
fang	Tracy Wolff	1.00
fang	LJ Smith	0.06
fang	Alyson Noel	0.04
fang	Aprilynne Pike	0.00
fang	Becca Fitzpatrick	0.00
fang	Kami Garcia	0.00
fang	Lauren Kate	0.00
fang	Maggie Stiefvater	0.00
fang	Richelle Mead	-0.01
fang	Stephanie Meyer	-0.05
fang	Cassandra Clare	-0.09

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 fist

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
fist	Tracy Wolff	1.00
fist	Lauren Kate	0.15
fist	Becca Fitzpatrick	0.08
fist	Richelle Mead	0.06
fist	LJ Smith	0.03
fist	Aprilynne Pike	0.02
fist	Cassandra Clare	0.02
fist	Stephanie Meyer	0.01
fist	Alyson Noel	-0.01
fist	Maggie Stiefvater	-0.05
fist	Kami Garcia	-0.05

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 grin

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
grin	Tracy Wolff	1.00
grin	LJ Smith	0.13
grin	Lauren Kate	0.10
grin	Alyson Noel	0.01
grin	Cassandra Clare	0.00
grin	Stephanie Meyer	-0.03
grin	Kami Garcia	-0.05
grin	Aprilynne Pike	-0.05
grin	Becca Fitzpatrick	-0.11
grin	Maggie Stiefvater	-0.13
grin	Richelle Mead	-0.23

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 herbal

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
herbal	Tracy Wolff	1.00
herbal	Alyson Noel	0.00
herbal	Aprilynne Pike	0.00
herbal	Becca Fitzpatrick	0.00
herbal	Kami Garcia	0.00
herbal	LJ Smith	0.00
herbal	Lauren Kate	0.00
herbal	Maggie Stiefvater	0.00
herbal	Richelle Mead	0.00
herbal	Stephanie Meyer	0.00
herbal	Cassandra Clare	-0.18

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 jean

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
jean	Tracy Wolff	1.00
jean	Maggie Stiefvater	0.11
jean	LJ Smith	0.07
jean	Aprilynne Pike	0.01
jean	Richelle Mead	-0.03
jean	Lauren Kate	-0.05
jean	Kami Garcia	-0.06
jean	Alyson Noel	-0.07
jean	Becca Fitzpatrick	-0.09
jean	Cassandra Clare	-0.11
jean	Stephanie Meyer	-0.12

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 kiss

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
kiss	Tracy Wolff	1.00
kiss	Kami Garcia	0.07
kiss	Maggie Stiefvater	0.06
kiss	Richelle Mead	-0.01
kiss	Becca Fitzpatrick	-0.02
kiss	Aprilynne Pike	-0.03
kiss	Alyson Noel	-0.06
kiss	Lauren Kate	-0.07
kiss	LJ Smith	-0.08
kiss	Cassandra Clare	-0.09
kiss	Stephanie Meyer	-0.11

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 monster

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
monster	Tracy Wolff	1.00
monster	Becca Fitzpatrick	0.21
monster	Lauren Kate	0.17
monster	Cassandra Clare	0.03
monster	Alyson Noel	0.03
monster	Richelle Mead	0.03
monster	LJ Smith	0.00
monster	Aprilynne Pike	-0.01
monster	Kami Garcia	-0.02
monster	Maggie Stiefvater	-0.06
monster	Stephanie Meyer	-0.08

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 moon

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
moon	Tracy Wolff	1.00
moon	Cassandra Clare	0.16
moon	LJ Smith	0.08
moon	Lauren Kate	0.03
moon	Stephanie Meyer	0.03
moon	Alyson Noel	-0.00
moon	Becca Fitzpatrick	-0.01
moon	Maggie Stiefvater	-0.02
moon	Richelle Mead	-0.05
moon	Kami Garcia	-0.05
moon	Aprilynne Pike	-0.07

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 mutation

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
mutation	Tracy Wolff	1.00
mutation	Alyson Noel	0.00
mutation	Aprilynne Pike	0.00
mutation	Becca Fitzpatrick	0.00
mutation	Cassandra Clare	0.00
mutation	Kami Garcia	0.00
mutation	LJ Smith	0.00
mutation	Lauren Kate	0.00
mutation	Maggie Stiefvater	0.00
mutation	Richelle Mead	0.00
mutation	Stephanie Meyer	0.00

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Target Author

CaseAnalysisID

Lynne Freeman

Suspect Author

Tracy Wolff

Keyword

northern

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

A cosine similarity score of 0, close to zero or negative shows that the clusters are different: the LF\*TW cluster compared to LF\*Baseline Author is always different with a cosine similarity score close to zero or negative.

If all scores are zero, the keyword is not in the tested document(s).

	<b>Baseline Authors</b>	Cosine Similarity Score
northern	Tracy Wolff	1.00
northern	Lauren Kate	0.08
northern	Becca Fitzpatrick	0.06
northern	Alyson Noel	0.00
northern	Cassandra Clare	0.00
northern	LJ Smith	0.00
northern	Maggie Stiefvater	0.00
northern	Richelle Mead	0.00
northern	Stephanie Meyer	0.00
northern	Aprilynne Pike	-0.01
northern	Kami Garcia	-0.02

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 protector

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
protector	Tracy Wolff	1.00
protector	Maggie Stiefvater	0.05
protector	Alyson Noel	0.00
protector	Becca Fitzpatrick	0.00
protector	Cassandra Clare	0.00
protector	Kami Garcia	0.00
protector	LJ Smith	0.00
protector	Lauren Kate	0.00
protector	Richelle Mead	0.00
protector	Stephanie Meyer	0.00
protector	Aprilynne Pike	-0.08

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 queen

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
queen	Tracy Wolff	1.00
queen	Becca Fitzpatrick	0.13
queen	Aprilynne Pike	0.12
queen	Stephanie Meyer	0.04
queen	Richelle Mead	0.04
queen	Lauren Kate	0.01
queen	Cassandra Clare	0.00
queen	Maggie Stiefvater	0.00
queen	Kami Garcia	-0.02
queen	Alyson Noel	-0.02
queen	LJ Smith	-0.06

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**Target Author** 

Lynne Freeman

Suspect Author

Tracy Wolff

Keyword

selfish

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

A cosine similarity score of 0, close to zero or negative shows that the clusters are different: the LF\*TW cluster compared to LF\*Baseline Author is always different with a cosine similarity score close to zero or negative.

If all scores are zero, the keyword is not in the tested document(s).

	<b>Baseline Authors</b>	Cosine Similarity Score
selfish	Tracy Wolff	1.00
selfish	Becca Fitzpatrick	0.15
selfish	Stephanie Meyer	0.11
selfish	Maggie Stiefvater	0.07
selfish	Aprilynne Pike	0.00
selfish	Kami Garcia	0.00
selfish	Richelle Mead	0.00
selfish	Alyson Noel	-0.01
selfish	LJ Smith	-0.04
selfish	Cassandra Clare	-0.05
selfish	Lauren Kate	-0.09

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 stab

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
stab	Tracy Wolff	1.00
stab	Cassandra Clare	0.04
stab	Stephanie Meyer	0.02
stab	Lauren Kate	0.01
stab	Aprilynne Pike	0.00
stab	Richelle Mead	-0.05
stab	LJ Smith	-0.06
stab	Becca Fitzpatrick	-0.06
stab	Alyson Noel	-0.06
stab	Maggie Stiefvater	-0.11
stab	Kami Garcia	-0.12

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 CaseAnalysisID
 Carole E Chaski PhD--LexiCluster--Freeman Copyright 2014--Stephen M Doniger Esq--1-30-2024

 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 Stonehenge

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
Stonehenge	Tracy Wolff	1.00
Stonehenge	LJ Smith	0.12
Stonehenge	Alyson Noel	0.00
Stonehenge	Aprilynne Pike	0.00
Stonehenge	Becca Fitzpatrick	0.00
Stonehenge	Cassandra Clare	0.00
Stonehenge	Kami Garcia	0.00
Stonehenge	Lauren Kate	0.00
Stonehenge	Maggie Stiefvater	0.00
Stonehenge	Richelle Mead	0.00
Stonehenge	Stephanie Meyer	0.00

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 tea

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
tea	Tracy Wolff	1.00
tea	Becca Fitzpatrick	0.12
tea	Aprilynne Pike	0.06
tea	Cassandra Clare	0.05
tea	Kami Garcia	0.01
tea	Alyson Noel	0.00
tea	LJ Smith	0.00
tea	Richelle Mead	0.00
tea	Stephanie Meyer	0.00
tea	Lauren Kate	-0.07
tea	Maggie Stiefvater	-0.09

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 teacher

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
teacher	Tracy Wolff	1.00
teacher	Aprilynne Pike	0.21
teacher	Alyson Noel	0.13
teacher	Lauren Kate	0.10
teacher	Cassandra Clare	-0.01
teacher	Becca Fitzpatrick	-0.01
teacher	Stephanie Meyer	-0.08
teacher	Kami Garcia	-0.12
teacher	Maggie Stiefvater	-0.13
teacher	LJ Smith	-0.15
teacher	Richelle Mead	-0.16

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 tree

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
tree	Tracy Wolff	1.00
tree	Becca Fitzpatrick	0.09
tree	Stephanie Meyer	0.09
tree	Aprilynne Pike	0.09
tree	Lauren Kate	0.08
tree	Cassandra Clare	0.06
tree	Kami Garcia	-0.00
tree	Alyson Noel	-0.03
tree	LJ Smith	-0.05
tree	Maggie Stiefvater	-0.09
tree	Richelle Mead	-0.11

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 vampire

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
vampire	Tracy Wolff	1.00
vampire	Stephanie Meyer	0.11
vampire	Richelle Mead	0.01
vampire	Aprilynne Pike	0.00
vampire	LJ Smith	0.00
vampire	Lauren Kate	0.00
vampire	Maggie Stiefvater	0.00
vampire	Cassandra Clare	-0.02
vampire	Becca Fitzpatrick	-0.04
vampire	Kami Garcia	-0.05
vampire	Alyson Noel	-0.18

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 waggle

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score
waggle	Tracy Wolff	1.00
waggle	Lauren Kate	0.06
waggle	Alyson Noel	0.00
waggle	Aprilynne Pike	0.00
waggle	Cassandra Clare	0.00
waggle	Kami Garcia	0.00
waggle	LJ Smith	0.00
waggle	Maggie Stiefvater	0.00
waggle	Richelle Mead	0.00
waggle	Stephanie Meyer	0.00
waggle	Becca Fitzpatrick	-0.09

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 werewolf

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score	
werewolf	Tracy Wolff	1.00	
werewolf	Stephanie Meyer	0.14	
werewolf	Cassandra Clare	0.10	
werewolf	Aprilynne Pike	0.00	
werewolf	Becca Fitzpatrick	0.00	
werewolf	Lauren Kate	0.00	
werewolf	Richelle Mead	0.00	
werewolf	LJ Smith	-0.04	
werewolf	Kami Garcia	-0.06	
werewolf	Alyson Noel	-0.11	
werewolf	Maggie Stiefvater	-0.14	

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 wink

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	Baseline Authors	Cosine Similarity Score
wink	Tracy Wolff	1.00
wink	Becca Fitzpatrick	0.08
wink	Aprilynne Pike	0.08
wink	Richelle Mead	0.04
wink	Kami Garcia	-0.02
wink	Maggie Stiefvater	-0.02
wink	Cassandra Clare	-0.03
wink	Lauren Kate	-0.05
wink	LJ Smith	-0.06
wink	Stephanie Meyer	-0.08
wink	Alyson Noel	-0.08

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 witch

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score	
witch	Tracy Wolff	1.00	
witch	LJ Smith	0.20	
witch	Stephanie Meyer	0.11	
witch	Becca Fitzpatrick	0.08	
witch	Alyson Noel	0.07	
witch	Cassandra Clare	0.05	
witch	Aprilynne Pike	0.00	
witch	Maggie Stiefvater	0.00	
witch	Richelle Mead	0.00	
witch	Kami Garcia	-0.02	
witch	Lauren Kate	-0.04	_

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 Target Author
 Lynne Freeman
 Suspect Author
 Tracy Wolff

 Keyword
 wolf

The vector space for this keyword lexical cluster for Lynne Freeman and Tracy Wolff is compared to the vector space for this keyword lexical cluster for Lynne Freeman and Baseline Authors using cosine similarity.

### **SAMENESS**

A cosine similarity score of 1 shows that clusters are the same: the LF\*TW cluster compared to itself is the same with a cosine similarity score of 1.

### **DIFFERENCE**

	<b>Baseline Authors</b>	Cosine Similarity Score	
wolf	Tracy Wolff	1.00	
wolf	Maggie Stiefvater	0.15	
wolf	LJ Smith	0.11	
wolf	Richelle Mead	0.08	
wolf	Alyson Noel	0.03	
wolf	Aprilynne Pike	0.00	
wolf	Becca Fitzpatrick	0.00	
wolf	Lauren Kate	0.00	
wolf	Cassandra Clare	-0.07	
wolf	Stephanie Meyer	-0.07	
wolf	Kami Garcia	-0.15	